

# ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

| Title of Invention      | HYBRID VEHICLE POWERTRAIN WITH IMPROVED REVERSE DRIVE PERFORMANCE  |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
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| Submission Type :       | Utility Patent Filing  |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| Application Number:     | 10/605315  |  |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| EFS ID:                 | 48110  |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| Server Response:        | <table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>2314</td></tr><tr><td>IGEN77</td><td>Filename= Afmc1531pus-usfees.xml<br/>BusinessRule= The access code is not included which allows for automated processing to the deposit account.</td></tr></tbody></table>  |   |                          | Confirmation Code | Message   | ISVR1        | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1         | 2314                   | IGEN77 | Filename= Afmc1531pus-usfees.xml<br>BusinessRule= The access code is not included which allows for automated processing to the deposit account. |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| Confirmation Code       | Message  |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| ISVR1                   | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application  |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| ICON1                   | 2314   |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| IGEN77                  | Filename= Afmc1531pus-usfees.xml<br>BusinessRule= The access code is not included which allows for automated processing to the deposit account.  |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| First Named Applicant:  | Joseph Supina  |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| Attorney Docket Number: | 81044241/201-1453  |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| Timestamp:              | 2003-09-22 15:56:39 EDT  |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| From:                   | US   |   |                          |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| File Listing:           | <table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-assignment</td><td>Afmc1531pus-usassn.xml</td><td>3031</td><td>2003-09-22</td></tr><tr><td>us-assignment</td><td>us-assignment.xls</td><td>8983</td><td>2003-09-22</td></tr><tr><td>us-assignment</td><td>us-assignment.dif</td><td>10898</td><td>2003-09-22</td></tr><tr><td>us-assignment</td><td>assignment1.tif</td><td>1057056</td><td>2003-09-22</td></tr><tr><td>us-assignment</td><td>forassignment.tif</td><td>1057056</td><td>2003-09-22</td></tr><tr><td>us-request</td><td>Afmc1531pus-usreq.xml</td><td>3761</td><td>2003-09-22</td></tr><tr><td>us-request</td><td>us-request.dif</td><td>19064</td><td>2003-09-22</td></tr><tr><td>us-request</td><td>us-request.xls</td><td>33300</td><td>2003-09-22</td></tr><tr><td>us-fee-sheet</td><td>Afmc1531pus-usfees.xml</td><td>2278</td><td>2003-09-22</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xls</td><td>24912</td><td>2003-09-22</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dif</td><td>10901</td><td>2003-09-22</td></tr><tr><td>us-lds</td><td>Afmc1531pus-usidst.xml</td><td>2101</td><td>2003-09-22</td></tr><tr><td>us-lds</td><td>us-lds.dif</td><td>7763</td><td>2003-09-22</td></tr><tr><td>us-lds</td><td>us-lds.xls</td><td>12026</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>specification-trans.xml</td><td>24920</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>us-application-body.xls</td><td>83497</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>application-body.dif</td><td>49498</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>mathml2.dif</td><td>54588</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>soamsa.ent</td><td>5191</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>soamsb.ent</td><td>3988</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>soamsc.ent</td><td>1460</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>soamsn.ent</td><td>5620</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>soamso.ent</td><td>1934</td><td>2003-09-22</td></tr><tr><td>application-body</td><td>soamsr.ent</td><td>7073</td><td>2003-09-22</td></tr></tbody></table> |   |                          | Doc. Name         | File Name | Size (Bytes) | Date Produced (yyyymmdd)  | us-assignment | Afmc1531pus-usassn.xml | 3031   | 2003-09-22  | us-assignment | us-assignment.xls | 8983 | 2003-09-22 | us-assignment | us-assignment.dif | 10898 | 2003-09-22 | us-assignment | assignment1.tif | 1057056 | 2003-09-22 | us-assignment | forassignment.tif | 1057056 | 2003-09-22 | us-request | Afmc1531pus-usreq.xml | 3761 | 2003-09-22 | us-request | us-request.dif | 19064 | 2003-09-22 | us-request | us-request.xls | 33300 | 2003-09-22 | us-fee-sheet | Afmc1531pus-usfees.xml | 2278 | 2003-09-22 | us-fee-sheet | us-fee-sheet.xls | 24912 | 2003-09-22 | us-fee-sheet | us-fee-sheet.dif | 10901 | 2003-09-22 | us-lds | Afmc1531pus-usidst.xml | 2101 | 2003-09-22 | us-lds | us-lds.dif | 7763 | 2003-09-22 | us-lds | us-lds.xls | 12026 | 2003-09-22 | application-body | specification-trans.xml | 24920 | 2003-09-22 | application-body | us-application-body.xls | 83497 | 2003-09-22 | application-body | application-body.dif | 49498 | 2003-09-22 | application-body | wipo.ent | 4956 | 2003-09-22 | application-body | mathml2.dif | 54588 | 2003-09-22 | application-body | mathml2-qname-1.mod | 13225 | 2003-09-22 | application-body | soamsa.ent | 5191 | 2003-09-22 | application-body | soamsb.ent | 3988 | 2003-09-22 | application-body | soamsc.ent | 1460 | 2003-09-22 | application-body | soamsn.ent | 5620 | 2003-09-22 | application-body | soamso.ent | 1934 | 2003-09-22 | application-body | soamsr.ent | 7073 | 2003-09-22 |
| Doc. Name               | File Name  | Size (Bytes)  | Date Produced (yyyymmdd) |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-assignment           | Afmc1531pus-usassn.xml   | 3031  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-assignment           | us-assignment.xls  | 8983  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-assignment           | us-assignment.dif  | 10898   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-assignment           | assignment1.tif  | 1057056   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-assignment           | forassignment.tif  | 1057056   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-request              | Afmc1531pus-usreq.xml  | 3761  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-request              | us-request.dif   | 19064   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-request              | us-request.xls   | 33300   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-fee-sheet            | Afmc1531pus-usfees.xml   | 2278  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-fee-sheet            | us-fee-sheet.xls   | 24912   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-fee-sheet            | us-fee-sheet.dif   | 10901   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-lds                  | Afmc1531pus-usidst.xml   | 2101  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-lds                  | us-lds.dif   | 7763  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| us-lds                  | us-lds.xls   | 12026   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | specification-trans.xml  | 24920   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | us-application-body.xls  | 83497   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | application-body.dif   | 49498   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | wipo.ent   | 4956  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | mathml2.dif  | 54588   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | mathml2-qname-1.mod  | 13225   | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | soamsa.ent   | 5191  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | soamsb.ent   | 3988  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | soamsc.ent   | 1460  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | soamsn.ent   | 5620  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | soamso.ent   | 1934  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |
| application-body        | soamsr.ent   | 7073  | 2003-09-22               |                   |           |              |   |               |                        |        |   |               |                   |      |            |               |                   |       |            |               |                 |         |            |               |                   |         |            |            |                       |      |            |            |                |       |            |            |                |       |            |              |                        |      |            |              |                  |       |            |              |                  |       |            |        |                        |      |            |        |            |      |            |        |            |       |            |                  |                         |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |                  |            |      |            |

| Doc. Name        | File Name             | Size (Bytes) | Date Produced (yyyymmdd) |
|------------------|-----------------------|--------------|--------------------------|
| application-body | sogrk3.ent            | 3559         | 2003-09-22               |
| application-body | somfrk.ent            | 4553         | 2003-09-22               |
| application-body | somopf.ent            | 2571         | 2003-09-22               |
| application-body | somscr.ent            | 4628         | 2003-09-22               |
| application-body | sotech.ent            | 5268         | 2003-09-22               |
| application-body | sobox.ent             | 3568         | 2003-09-22               |
| application-body | socyr1.ent            | 5345         | 2003-09-22               |
| application-body | socyr2.ent            | 2504         | 2003-09-22               |
| application-body | soda.ent              | 1508         | 2003-09-22               |
| application-body | solat1.ent            | 5282         | 2003-09-22               |
| application-body | solat2.ent            | 9007         | 2003-09-22               |
| application-body | sonum.ent             | 5913         | 2003-09-22               |
| application-body | sopub.ent             | 6621         | 2003-09-22               |
| application-body | mmlextra.ent          | 7901         | 2003-09-22               |
| application-body | mmlalias.ent          | 38209        | 2003-09-22               |
| application-body | soextbx.dld           | 12870        | 2003-09-22               |
| application-body | equation1.tif         | 11800        | 2003-09-22               |
| application-body | sheet1.tif            | 1057056      | 2003-09-22               |
| application-body | sheet2.tif            | 1057056      | 2003-09-22               |
| application-body | sheet3.tif            | 1057056      | 2003-09-22               |
| us-declaration   | declaration1.tif      | 1057056      | 2003-09-22               |
| us-declaration   | declaration2.tif      | 1057056      | 2003-09-22               |
| us-declaration   | consentletter.tif     | 1057056      | 2003-09-22               |
| package-data     | Afmcf1531pus-pkda.xml | 9539         | 2003-09-22               |
| package-data     | package-data.dld      | 27025        | 2003-09-22               |
| package-data     | us-package-data.xls   | 19263        | 2003-09-22               |
| Total files size |                       |              | 9038350                  |

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